CPU 68K U33 47E3

Logic Editor   VALLEY DATA SCIENCES, INC.   AMD AmPAL16R4/A

PT	1 01234567	2 89012345	3 67890123	45678901	4 23456789	5 01234567	89012345	6 67890123	PT
0	--------	--------	--------	-----X--					0
1	-----X--	--------	--------	--------					1
2	---X--X-	--------	--------	--------					2
3	------X-	--------	-------X	--------					3
4	--------	--------	--------	----X---					4
5	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX					5
6	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX					6
7	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX					7
8	--------	--------	--------	-----X--					8
9	-X------	--------	X-------	--------					9
10	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX					10
11	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX					11
12	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX					12
13	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX					13
14	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX					14
15	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX					15

Cursor Movement =   USE   Up, Down, Right, Left   ARROWS
<N> Next Page   <B> Back Page   <X> Fuse Intact   <-> Fuse Blown
<A> New Address   <F> Fill   <ESC> to ACTION Menu

PT	1 01234567	89012345	2 67890123	3 45678901	23456789	4 01234567	5 89012345	6 67890123	PT
16	--------	-----X--	--------	--------					16
17	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX					17
18	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX					18
19	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX					19
20	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX					20
21	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX					21
22	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX					22
23	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX					23
24	-----X--	X-------	X-------	-----X--					24
25	-----X--	X------X	---X----	-----X--					25
26	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX					26
27	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX					27
28	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX					28
29	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX					29
30	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX					30
31	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX					31

```
Cursor Movement =    USE    Up, Down, Right, Left    ARROWS
<N>  Next Page      <B>  Back Page      <X>  Fuse Intact    <->  Fuse Blown
<A>  New Address    <F>  Fill           <ESC> to ACTION Menu
```

PT	01234567	1 89012345	2 67890123	3 45678901	4 23456789	01234567	5 89012345	6 67890123	PT
32	--------	--------	----X---	--------					32
33	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX					33
34	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX					34
35	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX					35
36	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX					36
37	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX					37
38	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX					38
39	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX					39
40	-----X--	--------	--------	--------					40
41	--------	--------	-X-----X	--------					41
42	--------	--------	--X---X-	--------					42
43	--------	--------	--------	----X---					43
44	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX					44
45	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX					45
46	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX					46
47	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX					47

Cursor Movement =   USE   Up, Down, Right, Left   ARROWS
<N> Next Page   <B>   Back Page   <X>   Fuse Intact   <->   Fuse Blown
<A> New Address   <F>   Fill   <ESC> to ACTION Menu

| | | 1 | 2 | 3 | 4 | | 5 | 6 | |
PT	01234567	89012345	67890123	45678901	23456789	01234567	89012345	67890123	PT
48	--------	--------	--------	-----X--					48
49	--------	--X-----	--------	--------					49
50	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX					50
51	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX					51
52	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX					52
53	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX					53
54	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX					54
55	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX					55
56	--------	--------	--------	--------					56
57	--------	--------	--------	X-------					57
58	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX					58
59	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX					59
60	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX					60
61	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX					61
62	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX					62
63	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX					63

```
Cursor Movement =    USE    Up, Down, Right, Left   ARROWS
 <N>  Next Page      <B>  Back Page    <X>  Fuse Intact    <->  Fuse Blown
 <A>  New Address    <F>  Fill         <ESC> to ACTION Menu
```

Logic Editor   VALLEY DATA SCIENCES, INC.   NAT PAL14L4

PT	1 01234567	89012345	2 67890123	3 45678901	23456789	4 01234567	5 89012345	6 67890123	PT
16	-XX---X-	X---X-	X- X---	X-X-X---					16
17	X---X---	------	-- ----	X-------					17
18	XXXXXXXX	XXXXXX	XX XXXX	XXXXXXXX					18
19	XXXXXXXX	XXXXXX	XX XXXX	XXXXXXXX					19
20									20
21									21
22									22
23									23
24	--------	------	-- ---X	--------					24
25	X-X---X-	X---X-	-X X---	-XX-X--X					25
26	-XX---X-	X---X-	-X X---	X-X-X--X					26
27	XXXXXXXX	XXXXXX	XX XXXX	XXXXXXXX					27
28									28
29									29
30									30
31									31

```
Cursor Movement =      USE    Up, Down, Right, Left   ARROWS
<N>  Next Page         <B>  Back Page    <X>  Fuse Intact    <->  Fuse Blown
<A>  New Address       <F>  Fill         <ESC> to ACTION Menu
```

```
       ||        ||   1    ||   2    ||   3    ||   4    ||   5    ||   6    ||
   PT  ||01234567||89012345||67890123||45678901||23456789||01234567||89012345||67890123|| PT
   32  ||-XX-X-X-||X---X-  ||X-  X---||X--XX---||        ||        ||        ||        || 32
   33  ||--------||---X--  ||--  ----||--------||        ||        ||        ||        || 33
   34  ||XXXXXXXX||XXXXXX  ||XX  XXXX||XXXXXXXX||        ||        ||        ||        || 34
   35  ||XXXXXXXX||XXXXXX  ||XX  XXXX||XXXXXXXX||        ||        ||        ||        || 35
   36  ||        ||        ||        ||        ||        ||        ||        ||        || 36
   37  ||        ||        ||        ||        ||        ||        ||        ||        || 37
   38  ||        ||        ||        ||        ||        ||        ||        ||        || 38
   39  ||        ||        ||        ||        ||        ||        ||        ||        || 39
   40  ||--------||------  ||--  ---X||--------||        ||        ||        ||        || 40
   41  ||X-X---X-||X---X-  ||-X  X---||-XX-X--X||        ||        ||        ||        || 41
   42  ||-XX---X-||X---X-  ||-X  X---||X-X-X--X||        ||        ||        ||        || 42
   43  ||-XX-X-X-||X---X-  ||X-  X---||X--XX---||        ||        ||        ||        || 43
   44  ||        ||        ||        ||        ||        ||        ||        ||        || 44
   45  ||        ||        ||        ||        ||        ||        ||        ||        || 45
   46  ||        ||        ||        ||        ||        ||        ||        ||        || 46
   47  ||        ||        ||        ||        ||        ||        ||        ||        || 47
```

Logic Editor   VALLEY DATA SCIENCES, INC.   NAT PAL10L8

CPU 68K   U25 14F5 (handwritten)

PT	01234567	1 89012345	2 67890123	3 45678901	4 23456789	01234567	5 89012345	6 67890123	PT
0	------	-- X-	X- -X	-- --X-					0
1	----X-	-- --	X- X-	-- ----					1
2									2
3									3
4									4
5									5
6									6
7									7
8	-X----	-- X-	X- -X	-- ----					8
9	----X-	-- --	X- X-	-- --X-					9
10									10
11									11
12									12
13									13
14									14
15									15

```
Cursor Movement =     USE    Up, Down, Right, Left    ARROWS
 <N>  Next Page       <B>  Back Page    <X>  Fuse Intact    <->  Fuse Blown
 <A>  New Address     <F>  Fill         <ESC> to ACTION Menu
```

CPU 68K   U25 14F5 (handwritten)

PT	01234567	1 89012345	2 67890123	3 45678901	4 23456789	01234567	5 89012345	6 67890123	PT
16	X-----	-- X-	X- -X	-- ----					16
17	XXXXXX	XX XX	XX XX	XX XXXX					17
18									18
19									19
20									20
21									21
22									22
23									23
24	-----X	-- --	-- --	-- ----					24
25	------	-X --	-- --	-- ----					25
26									26
27									27
28									28
29									29
30									30
31									31

Logic Editor   VALLEY DATA SCIENCES, INC.   NAT PAL10L8

PT	1 01234567	89012345	2 67890123	3 45678901	23456789	4 01234567	5 89012345	6 67890123	PT
32	----X-	-- --	X- X-	-- ---X					32
33	XXXXXX	XX XX	XX XX	XX XXXX					33
34									34
35									35
36									36
37									37
38									38
39									39
40	------	-- --	-- --	-X ----					40
41	XXXXXX	XX XX	XX XX	XX XXXX					41
42									42
43									43
44									44
45									45
46									46
47									47

Cursor Movement =   USE   Up, Down, Right, Left   ARROWS
<N> Next Page   <B> Back Page   <X> Fuse Intact   <-> Fuse Blown
<A> New Address   <F> Fill   <ESC> to ACTION Menu

```
Logic Editor           VALLEY DATA SCIENCES, INC.           NAT PAL10L8
            1         2         3                 4         5         6
PT 01234567 89012345 67890123 45678901 23456789 01234567 89012345 67890123 PT
═══╪════════╪════════╪════════╪════════╪════════╪════════╪════════╪════════╪═══
48║XXXXXX  ║XX   XX ║XX   XX ║XX   XXXX║        ║        ║        ║        ║48
49║XXXXXX  ║XX   XX ║XX   XX ║XX   XXXX║        ║        ║        ║        ║49
50║        ║        ║        ║        ║        ║        ║        ║        ║50
51║        ║        ║        ║        ║        ║        ║        ║        ║51
52║        ║        ║        ║        ║        ║        ║        ║        ║52
53║        ║        ║        ║        ║        ║        ║        ║        ║53
54║        ║        ║        ║        ║        ║        ║        ║        ║54
55║        ║        ║        ║        ║        ║        ║        ║        ║55
56║----X-  ║--   -- ║--   X- ║--   -X--║        ║        ║        ║        ║56
57║XXXXXX  ║XX   XX ║XX   XX ║XX   XXXX║        ║        ║        ║        ║57
58║        ║        ║        ║        ║        ║        ║        ║        ║58
59║        ║        ║        ║        ║        ║        ║        ║        ║59
60║        ║        ║        ║        ║        ║        ║        ║        ║60
61║        ║        ║        ║        ║        ║        ║        ║        ║61
62║        ║        ║        ║        ║        ║        ║        ║        ║62
63║        ║        ║        ║        ║        ║        ║        ║        ║63
═══╧════════╧════════╧════════╧════════╧════════╧════════╧════════╧════════╧═══
```

Logic Editor   VALLEY DATA SCIENCES, INC.   TI PAL16R4-15

CPU68K   U15
6B7C

PT	1 01234567	89012345	2 67890123	3 45678901	23456789	4 01234567	5 89012345	6 67890123	PT
0	--------	--------	--------	--------					0
1	--------	--------	--------	X---X---					1
2	-----X--	--------	--------	--------					2
3	--------	-------X	--------	--------					3
4	--------	--------	--------	---X----					4
5	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX					5
6	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX					6
7	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX					7
8	--------	-----X--	--------	--------					8
9	--------	--------	----X---	--------					9
10	--------	--------	--------	X---X---					10
11	-X-----X	--------	--------	---X----					11
12	X-------	--------	--------	--X-----					12
13	-------X	--------	--------	--X-----					13
14	--------	-------X	--------	--------					14
15	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX					15

Cursor Movement =   USE   Up, Down, Right, Left   ARROWS
<N>   Next Page   <B>   Back Page   <X>   Fuse Intact   <->   Fuse Blown
<A>   New Address   <F>   Fill   <ESC> to ACTION Menu

Logic Editor   VALLEY DATA SCIENCES, INC.   TI PAL16R4-15

PT	1 01234567	89012345	2 67890123	3 45678901	23456789	4 01234567	5 89012345	6 67890123	PT
16	--------	-X------	--------	--------					16
17	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX					17
18	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX					18
19	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX					19
20	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX					20
21	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX					21
22	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX					22
23	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX					23
24	-----XX-	--------	-X------	--------					24
25	--------	-------X	-XX-----	--------					25
26	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX					26
27	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX					27
28	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX					28
29	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX					29
30	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX					30
31	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX					31

Cursor Movement =   USE   Up, Down, Right, Left   ARROWS
<N>   Next Page   <B>   Back Page   <X>   Fuse Intact   <->   Fuse Blown
<A>   New Address   <F>   Fill   <ESC> to ACTION Menu

PT	01234567	1 89012345	2 67890123	3 45678901	4 23456789	01234567	5 89012345	6 67890123	PT
32	-------X	--------	---X----	--------					32
33	-------X	---X----	--------	--------					33
34	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX					34
35	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX					35
36	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX					36
37	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX					37
38	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX					38
39	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX					39
40	--------	---X---X	-X------	--------					40
41	--------	--------	-X-----X	--------					41
42	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX					42
43	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX					43
44	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX					44
45	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX					45
46	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX					46
47	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX					47

```
Cursor Movement =    USE    Up, Down, Right, Left    ARROWS
<N>  Next Page       <B>  Back Page      <X>  Fuse Intact      <->  Fuse Blown
<A>  New Address     <F>  Fill           <ESC> to ACTION Menu
```

Logic Editor — VALLEY DATA SCIENCES, INC. — TI PAL16R4-15

```
                    1          2          3         4          5          6
PT 01234567  89012345  67890123  45678901  23456789  01234567  89012345  67890123  PT

48 --------  --------  --------  --------                                           48
49 --------  --------  X-------  --------                                           49
50 --------  --------  --------  X---X---                                           50
51 ------X-  --------  --------  ---X----                                           51
52 X-------  --------  --------  ---X----                                           52
53 -X------  -------X  ---X----  --------                                           53
54 XXXXXXXX  XXXXXXXX  XXXXXXXX  XXXXXXXX                                           54
55 XXXXXXXX  XXXXXXXX  XXXXXXXX  XXXXXXXX                                           55
56 --------  --------  --------  --------                                           56
57 --------  --------  ------X-  -X-X----                                           57
58 ------X-  --------  ------X-  -X------                                           58
59 --------  --------  --------  --X----X                                           59
60 XXXXXXXX  XXXXXXXX  XXXXXXXX  XXXXXXXX                                           60
61 XXXXXXXX  XXXXXXXX  XXXXXXXX  XXXXXXXX                                           61
62 XXXXXXXX  XXXXXXXX  XXXXXXXX  XXXXXXXX                                           62
63 XXXXXXXX  XXXXXXXX  XXXXXXXX  XXXXXXXX                                           63
```